

CLAIMS

What is claimed is:

1 1. A power producing apparatus comprising:
2 a rechargeable power source;
3 a motor powered by the rechargeable power source;
4 a pulley including a first armature rotated by the motor; and
5 a power unit coupled to a second armature of the pulley, the power unit comprises an
6 alternator to produce direct current (DC) power for recharging the rechargeable power source
7 and a generator to produce a level of alternating current (AC) power.

1 2. The power producing apparatus of claim 1, wherein the rechargeable power
2 source is a twelve volt direct current rechargeable battery.

1 3. The power producing apparatus of claim 1, wherein power unit is electrically
2 coupled to a positive terminal of the rechargeable power source via a first power line and is
3 electrically coupled to a negative terminal of the rechargeable power source via a second
4 power line.

1 4. The power producing apparatus of claim 3, wherein motor is electrically
2 coupled to a positive terminal of the rechargeable power source via a third power line and is
3 electrically coupled to a negative terminal of the rechargeable power source via a fourth
4 power line.

1 5. The power producing apparatus of claim 4 further comprising a transformer
2 coupled to the generator of the power unit, the transformer to provide at least 120 volts
3 alternating current (VAC) from the level of AC power being less than 10 VAC.

1 6. The power producing apparatus of claim 4 further comprising a backup power
2 source coupled to the positive terminal and the negative terminal of the rechargeable power
3 source.

1 7. The power producing apparatus of claim 3 further comprising a switch
2 coupled between a third power line interconnecting the positive terminal of the rechargeable
3 power source to the motor and is electrically coupled to a negative terminal of the
4 rechargeable power source via a fourth power line.

1 8. The power producing apparatus of claim 1 further comprising at least one
2 power inverter coupled to the rechargeable power source via a plurality of power lines.

1 9. A power producing apparatus comprising:
2 means for supplying power;
3 a motor electrically coupled to the means for supplying power
4 means for producing direct current (DC) power for recharging the means for
5 supplying power and for producing alternating current (AC) power; and
6 a pulley that comprises a first armature coupled to the motor and a second armature
7 coupled to the means for producing, the first armature of the pulley being rotated by the
8 motor and the second armature being rotated in response to rotation of the first armature to
9 cause the means for producing to produce the DC power and the AC power.

1 10. The power producing apparatus of claim 9, wherein the means for supplying
2 power comprises a rechargeable battery.

1 11. The power producing apparatus of claim 10, wherein power unit is electrically
2 coupled to a positive terminal of the rechargeable battery via a first power line and is
3 electrically coupled to a negative terminal of the rechargeable battery via a second power
4 line.

1 12. The power producing apparatus of claim 10, wherein motor is electrically
2 coupled to a positive terminal of the rechargeable battery via a third power line and is
3 electrically coupled to a negative terminal of the rechargeable battery via a fourth power line.

1 13. The power producing apparatus of claim 9 further comprising a transformer
2 coupled to the means for producing the AC power, the transformer to provide at least 120
3 volts alternating current (VAC) from the level of AC power being less than 10 VAC.

1 14. The power producing apparatus of claim 11 further comprising a backup
2 power source coupled to the positive terminal and the negative terminal of the rechargeable
3 battery.

1 15. A power producing apparatus comprising:
2 a rechargeable power source;
3 a motor powered by the rechargeable power source;
4 a pulley including a first armature rotated by the motor;
5 a power unit coupled to a second armature of the pulley, the power unit comprises an
6 alternator to produce direct current (DC) power for recharging the rechargeable power source
7 and a generator to produce a level of alternating current (AC) power;
8 a power inverter coupled to the rechargeable power source, the power inverter to
9 produce AC power for use by external devices.

1 16. The power producing apparatus of claim 15, wherein the rechargeable power
2 source is a twelve volt direct current rechargeable battery.

1 17. The power producing apparatus of claim 15 further comprising at least one
2 junction box directly connected to both the rechargeable power source and the power
3 inverter.

1 18. The power producing apparatus of claim 17 further comprising:
2 a first power line coupled to a positive terminal of the rechargeable power source and
3 a first junction box of the at least one junction box; and
4 a second power line coupled to the first junction box of the at least one junction box
5 and the power inverter.

1 19. The power producing apparatus of claim 17 further comprising:
2 a third power line coupled to a negative terminal of the rechargeable power source
3 and a second junction box of the at least one junction box; and
4 a fourth power line coupled to the second junction box of the at least one junction box
5 and the power inverter.